SPHERICAL SURVEILLANCE SYSTEM ARCHITECTURE

ABSTRACT OF THE DISCLOSURE

[0171] Spherical surveillance system architecture delivers real time, high-resolution spherical imagery integrated with surveillance data (e.g., motion detection event data) to one or more subscribers (e.g., consoles, databases) via a network (e.g., copper or wireless). One or more sensors are connected to the network to provide the spherical images and surveillance data in real time. In one embodiment, the spherical images are integrated with surveillance data (e.g., data associated with motion detection, object tracking, alarm events) and presented on one or more display devices according to a specified display format. In one embodiment, raw spherical imagery is analyzed for motion detection and compressed at the sensor before it is delivered to subscribers over the network, where it is decompressed prior to display. In one embodiment, the spherical imagery integrated with the surveillance data is time stamped and recorded in one or more databases for immediate playback on a display device in reverse or forward directions.